



**City of Milpitas
Building Safety & Housing
Department**

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**MULTI-FAMILY ELECTRIC
VEHICLE
(EV) CHARGING STATION**

Policy:

BDP-BLG17

Effective Date:

3/31/2011

Proposed by:

BYC

Last Reviewed/
Revised:

4/30/2020

Revised by:

BYC

Approved By: Bill Tott
Building Official

CODE REFERENCE (S):

2019 California Electrical Code (CEC)

2019 California Building Code (CBC)

2019 California Green Building Standards Code (CGBSC)

Underwriters Laboratory (UL) listed charging system

ISSUE (S):

The employment of electrical vehicles will greatly help to reduce the air pollutants to meet the State and Federal emission targets. Efficient permitting and inspection for EV electric charging system will help encourage the use of EV in California. Currently, there is no clear requirement in the building code regarding accessibility with EV charging station in new or existing multi-family residential construction. A policy will provide consistency in EV permit approval.

PROPOSED GUIDELINE:

The following accessibility requirements are required for an EV charging system to be installed in new or existing multi-family residential construction.

EV Chargers installed in unassigned/common use parking spaces

- Accessible EV spaces shall be provided in accordance with the accessibility requirements per CalGreen sec. 4.106.2.1 and 4.106.2.2.
- Access aisle for the accessible EV spaces shall comply with CBC sec. 11B-812.7.
- The accessible EV chargers shall be located to comply with CBC sec. 11B-812.10.4.
- The operable parts on the accessible EV chargers shall comply with CBC sec. 11B-309.
- Surface marking of the accessible EV spaces shall comply with CBC sec. 11B-812.9.

EV Chargers installed in assigned resident parking spaces

- No accessibility requirements for EV spaces assigned to individual dwelling units.
- Signage or surface marking for the EV spaces shall indicate the assigned dwelling unit no.